المهام الأدائية
للصف السادس الابتدائي
مادة: الرياضيات

تعليمات عامة:

- يستغرق العمل علي المهام الأدائية فترة دراسية واحدة.
- يوزع المعلم أوراق المهام علي الطلاب ويوضح لهم المقصود منها، ويختار إحداها.
- يقدم المعلم الدعم اللازم لطلابه في اختيار المهام المناسبة لميولهم، ويشرف على مراحل تنفيذ المهام خلال أدائها.
- يجيب الطلاب عن المطلوب من المهمة في نفس الورقة.
- يتم تصحيح المهمة من ٣٥ درجة تبعًا للجدول التالي:

المرحلة	التخطيط	جدية العمل	المنتج النهائي	الدرجة النهائية
الدرجة	5 درجات	5 درجات	25 درجة	35 درجة

مستشار الرياضيات **يعتمد ،،،**

رئيس الادارة المركزية لتطوير المناهج

أ/ منال عزقول

د/ أكرم حسن

Model (1)

A) Match from the column A and the column C the suitable division modeling from the column B:

A	B	C
$\frac{1}{2} \div \frac{1}{4}$		2
$\frac{3}{4} \div 3$		$\frac{1}{4}$

B) complete the following table:

The triangle ABC	The length of the height	The length of the base	The area of the triangle ABC
A, B, C, 4cm, 5cm	...............cm	................cm	............Cm^2

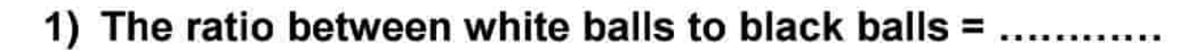
Model (2)

A) If Mohammed put 3 white balls and 2 black balls to form the opposite pattern ,then complete :



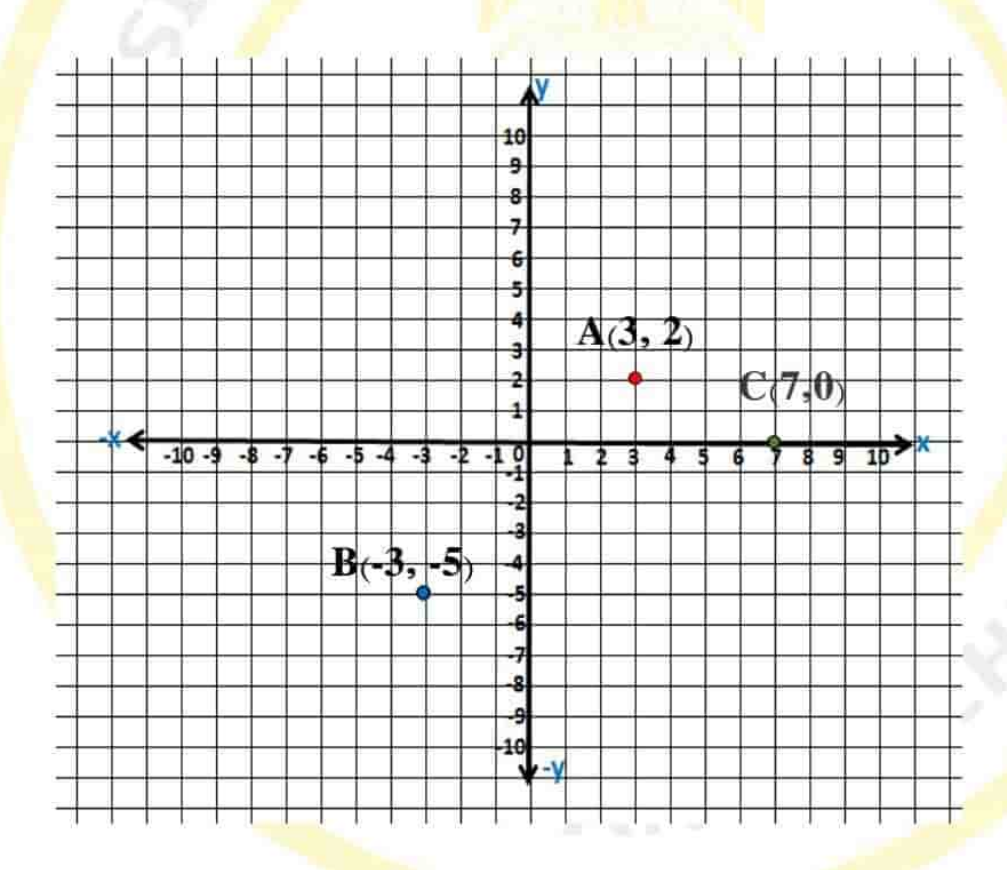
1) The ratio between white balls to black balls = …………

2) If Mohammed put 6 white balls in the pattern, then the number of black balls needed to complete this pattern, =……………



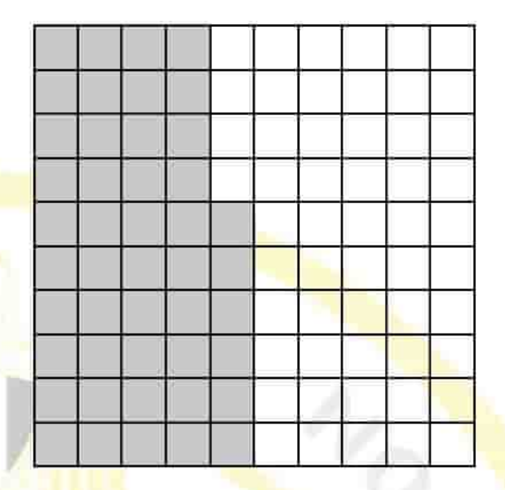
3) $\frac{2}{3} = ___ = ___$

B) On the following coordinate plane, find the image of the points A ,B, and C by reflection on the x- axis :



Model (3)

A) Using the following Model to find :



1) Fraction ……………

2) Decimal Fraction ………………

3) The ratio………..

4) 54% of 100 =…….

B) complete the following table :

Trapezoid ABCD	Area of the Triangle DEC	Area of the Rectangle ABED	area of the Trapezoid
D 6cm A 4cm 4cm C 2cm E B	……………..Cm^2	……………Cm^2	…………Cm^2

Model (4

A) **Match each two equivalent cards :**

$\frac{3}{7} \div 6 =.....$	$\frac{1}{3}$ the number 18=.....	1.3× 1.2=...	30% from 60 =.....

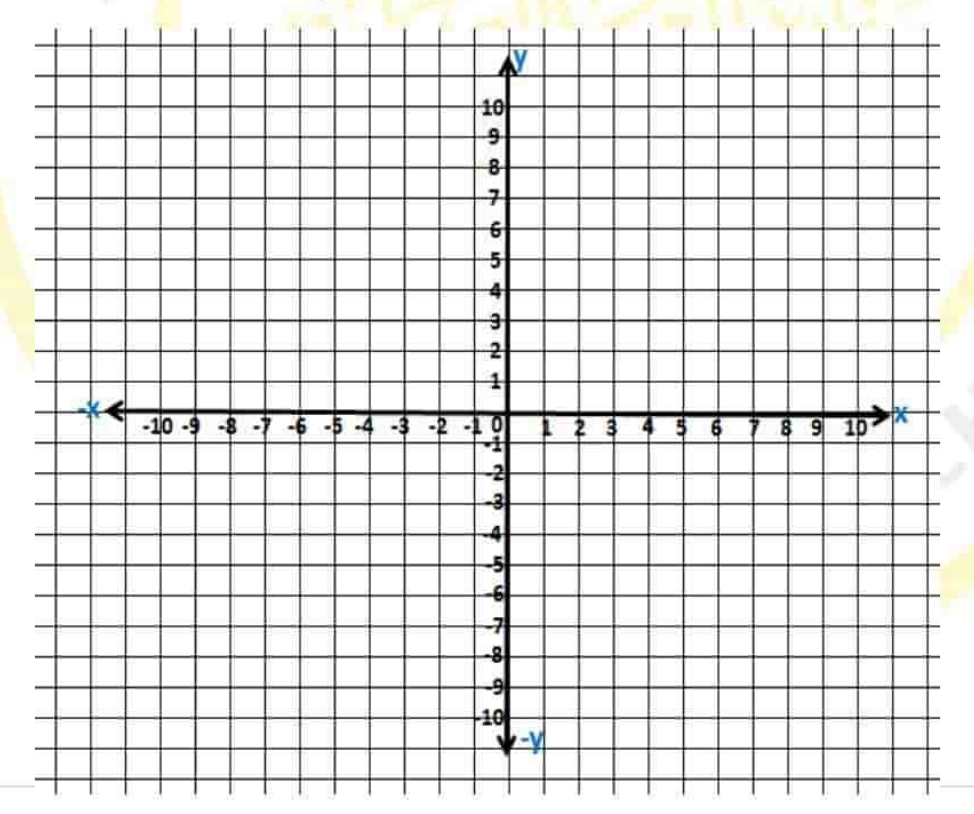
6	1.56	18	$\frac{1}{14}$

B) **On the following coordinate plane , Plot the points**

A(-5 , 3) , B(-5 ,-2), and C (5 , 3) , then complete:

_ The distant between the points A and B=............units

_ The distant between the points C and A=............units



Model (5

A) Ahmed saved 500 LE during 5 consecutive months to donate it to a poor family. choose the card from group (B) that suitable to group (A):

A

1) Unit rate for Ahmed's savings is …… LE per month

2) 60 % from 500 =…….

3) by Using the following double number line ,what Ahmed saves will be in 9 month=………….. LE

The month	0	1	2	3	4	9
The saving Money	0	100	200	300	400	…..

B

150

900

100

300

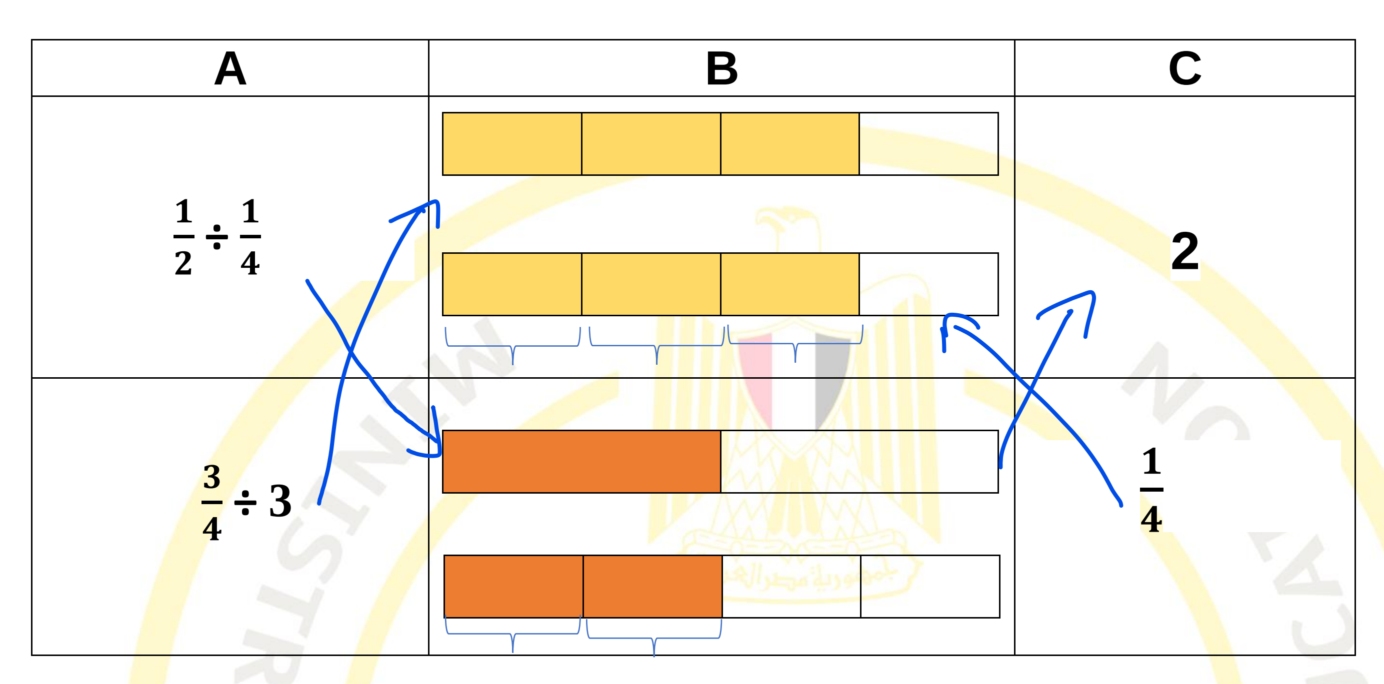
B) complete the following table:

The rectangular prism	The length of the height	The area of Base	The volume of the rectangular prism
5cm Base area = 42 cm^2	………….. cm	………….. cm2	………….. Cm3



Model (1)

A) Match from the column A and the column C the suitable division modeling from the column B:



B) complete the following table:

The triangle ABC	The length of the height	The length of the base	The area of the triangle ABC
A, 4cm, C, 5cm, B	....4....cm	....5....cm	....10....Cm^2



Model (2)

A) If Mohammed put 3 white balls and 2 black balls to form the opposite pattern ,then complete :

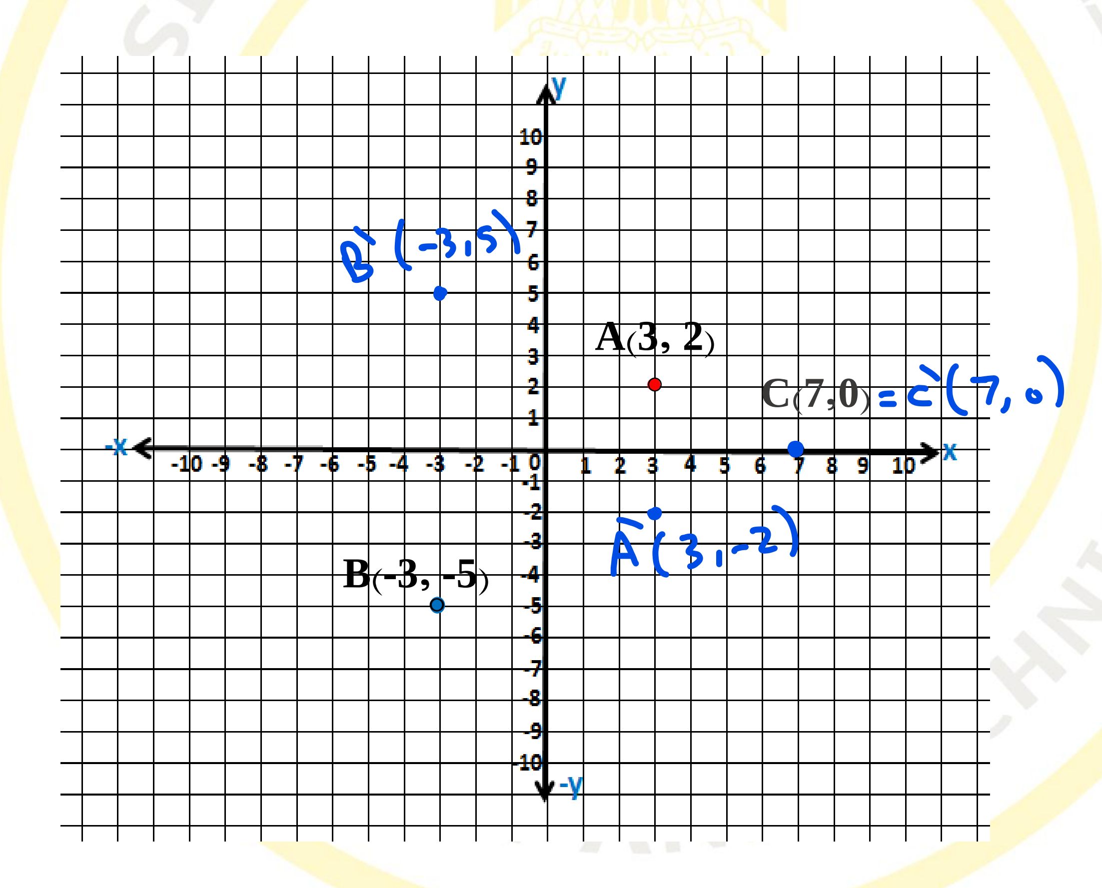


1) The ratio between white balls to black balls = ……3…: 2

2) If Mohammed put 6 white balls in the pattern, then the number of black balls needed to complete this pattern, =………4…

3) $\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{20}{30}$ …..

B) On the following coordinate plane, find the image of the points A ,B, and C by reflection on the x- axis :





Model (3)

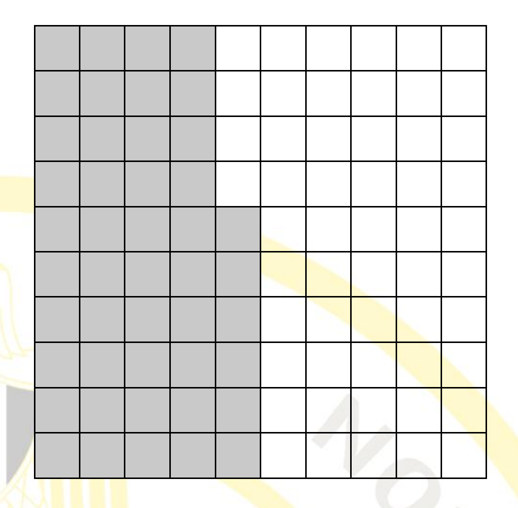
A) Using the following Model to find :

1) Fraction .... $\frac{46}{100} = \frac{23}{50}$

2) Decimal Fraction 0.46

3) The ratio........... $\frac{46}{100}$

4) 54% of 100 =....... 54



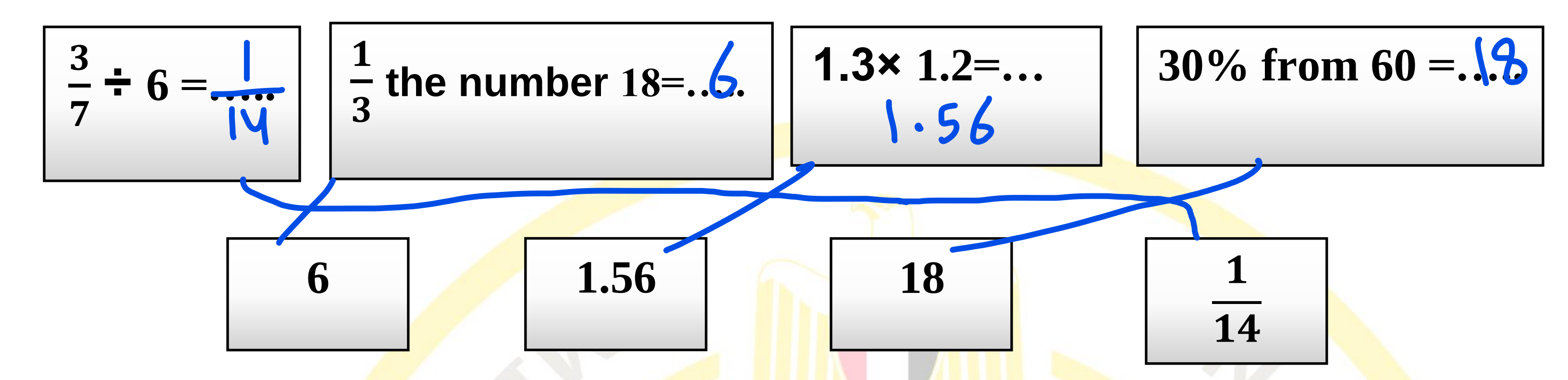
B) complete the following table :

Trapezoid ABCD	Area of the Triangle DEC	Area of the Rectangle ABED	area of the Trapezoid
D 6cm A; 4cm; 4cm; C 2cm E B	$\frac{1}{2} \times 2 \times 4$ ....Cm^2 = 4 cm^2	4 × 6 ....Cm^2 = 24 cm^2	4 + 24 ....Cm^2 = 28 cm^2



Model (4

A) Match each two equivalent cards :

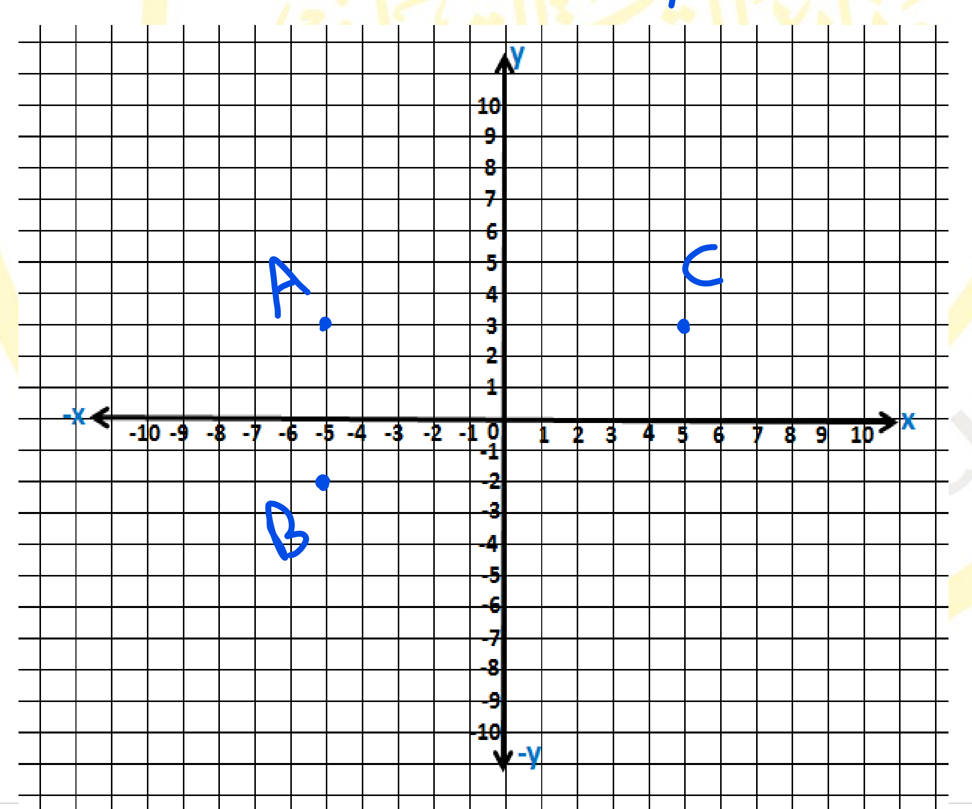


B) On the following coordinate plane , Plot the points

A(-5 , 3) , B(-5 ,-2), and C (5 , 3) , then complete:

_ The distant between the points A and B=……5……units

_ The distant between the points C and A=……10……units





Model (5

A) Ahmed saved 500 LE during 5 consecutive months to donate it to a poor family. choose the card from group (B) that suitable to group (A):

A

$\frac{500}{5} = 100$

1) Unit rate for Ahmed's savings is ...100... LE per month

2) 60 % from 500 =...... $\frac{60}{100} \times \frac{500}{1} = 300$

3) by Using the following double number line ,what Ahmed saves will be in 9 month=...900.... LE

The month	0	1	2	3	4	9
The saving Money	0	100	200	300	400	900

B

150	900	100	300

بالتوفيق يا أبطال

نحو د الخولى

B) complete the following table:

The rectangular prism	The length of the height	The area of Base	The volume of the rectangular prism
5cm Base area = 42 cm^2	...5... cm	...42... cm2	.... Cm3 $5 \times 42 = 210\ cm^3$